

10/23/03

Docket No.: SHIGA-006

In the Claims

Kindly amend, claims 1 and 3, cancel claims 2 and 5, and add claim 10 as follows:

1. (Currently Amended) A plastic film electrostatic adsorption apparatus comprising:

an electrostatic adsorption electrode;

an insulated dielectric layer that covers the above electrostatic adsorption electrode and has a center line average roughness of ~~the an~~ adsorption surface on which ~~the a~~ plastic film is placed of 0.5 μ m or less; and

a power supply electrode that applies configured to apply a voltage to the above electrostatic adsorption electrode wherein the electrostatic adsorption electrode comprises a bipolar structure having a positive electrode and negative electrode, and is characterized by an outermost end being homopolar.

2. (Canceled)

✓

3. (Currently Amended) The plastic film electrostatic adsorption apparatus according ~~either~~ claim 1 or ~~claim 2~~ wherein, the interval between the positive electrode and the negative electrode that compose the above electrostatic adsorption electrode is 1 to 10 times the thickness of the above insulated dielectric layer.

4. (Original) The plastic film electrostatic adsorption apparatus according to claim 1 wherein, the volumetric specific resistivity value of the above insulated dielectric layer is from 10^8 to 10^{12} Ω cm.

✓5. (Canceled)

6. (Original) The plastic film electrostatic adsorption apparatus according to claim 3/wherein, the volumetric specific resistivity value of the above insulated dielectric layer is from 10^8 to 10^{12} Ωcm .

7-9 (Withdrawn)

10. (NEW) A plastic film electrostatic adsorption apparatus comprising:
an electrostatic adsorption electrode;
an insulated dielectric layer that covers said electrostatic adsorption electrode, said insulated dielectric layer comprising a center line average roughness of an adsorption surface on which a plastic film is placed of $0.5 \mu\text{m}$ or less; and
a power supply electrode configured to apply a voltage to the above electrostatic adsorption electrode wherein the electrostatic adsorption electrode comprises a bipolar structure having a positive electrode and negative electrode, said positive electrode and said negative electrode having portions alternately disposed.